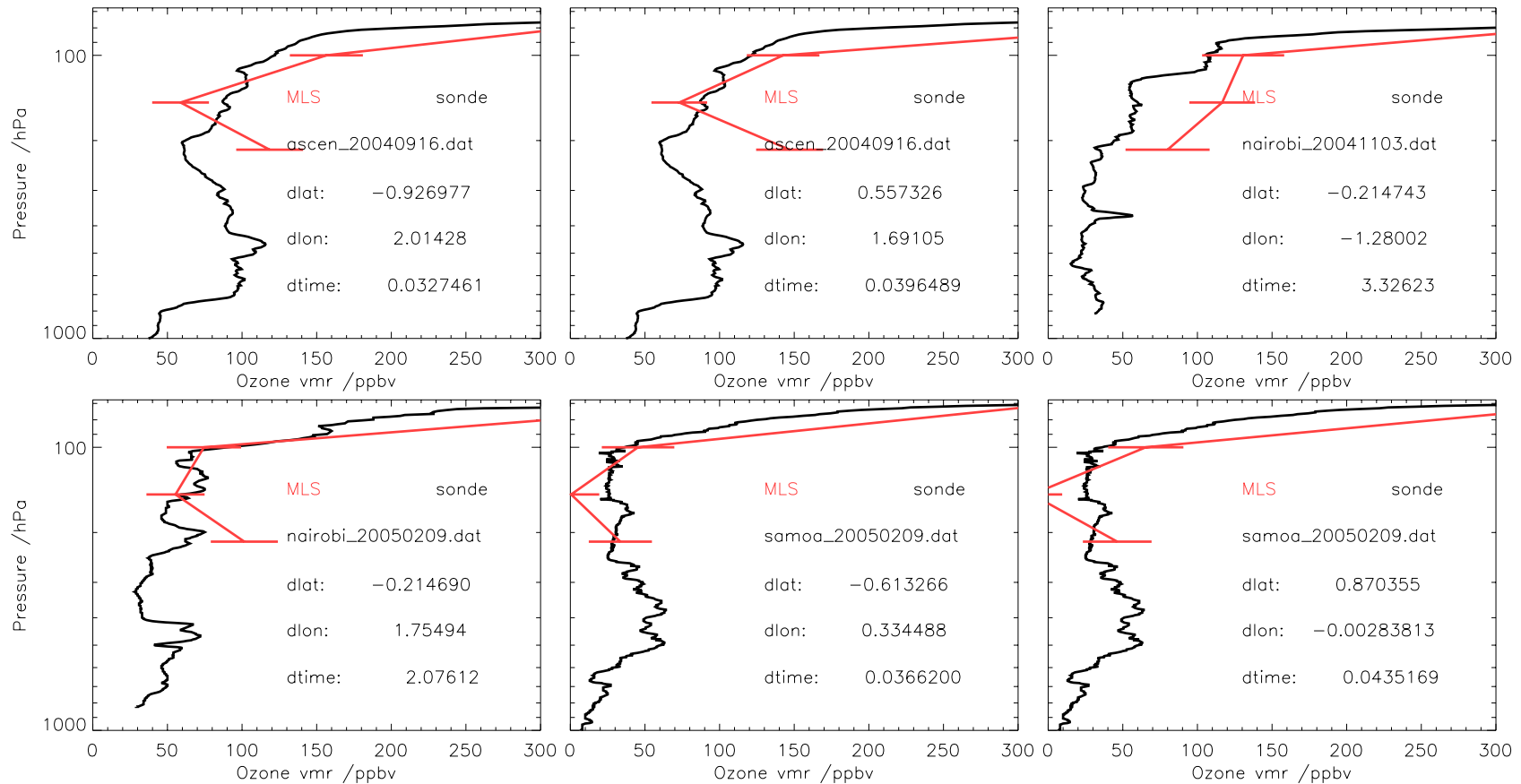


Initial comparison of MLS and SHADOZ ozone

Mark Filipiak

- MLS measures tropospheric ozone at 100, 147, 215 hPa (316 hPa goal).
- V1.5 MLS data. SHADOZ sonde data. Coincidence criteria: $\pm 1^\circ$ lat, $\pm 3^\circ$ long, ± 4 hours.
- 6 profiles (combination of coincidence criteria and number of MLS days currently processed / reprocessed with V1.5).



- Coincidences will increase as V1.5 processing continues. *Possibly* increase coincidences further by using trajectory analysis.